

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13 2	4	S131 and "variable duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/09 13:54
S13 3	29486	((62/222-225) or (62/204-296) or (62/217) or (62/228.1) or (62/228.4) or (62/229) or (62/196.1)).CCLS.	USPAT; USOCR	OR	OFF	2007/01/09 13:56
S13 4	31735	((62/222-225) or (62/204-296) or (62/217) or (62/228.1) or (62/228.4) or (62/229) or (62/196.1)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 13:56
S13 5	46	S134 and "variable duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/09 13:56
S13 6	38	S134 and "variable duty cycle" and valve	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/09 14:11
S13 7	46	("4152902"   "4463576"   "4494383"   "4506518"   "4575318"   "4610610"   "4612776"   "4634046"   "4744733"   "4747756"   "4764096"   "4831832"   "4843834"   "4893480"   "4910968"   "4951475"   "4962648"   "4974427"   "5006045"   "5007247"   "5035119"   "5059098"   "5067326"   "5079929"   "5088297"   "5115644"   "5191643"   "5203179"   "5243827"   "5259210"   "5265434"   "5282729"   "5319943"   "5342186"   "5381669"   "5392612"   "5440891"   "5440894"   "5447420"   "5493867"   "5502970"   "5515267"   "5735134"   "6499305").PN. OR ("6679072").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:03
S13 8	10	("4651535"   "5035119"   "5241833"   "5243829").PN. OR ("6499305").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:07

## EAST Search History

S13 9	27	("4463573"   "4463576"   "4481784"   "4494383"   "4506518"   "4612776"   "4831832"   "4951475"   "4962648"   "4974427"   "5007247"   "5009074"   "5035119"   "5067326"   "5079929"   "5088297"   "5115644"   "5191643"   "5203179"   "5243827"   "5265434"   "5392612"   "5440891"   "5440894"   "5515267").PN. OR ("6467280"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:08
S14 0	38	S134 and "variable duty cycle" and valve and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/09 14:21
S14 1	1	"5741120".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/09 14:22
S14 2	21	("4505651"   "4575318"   "4610610"   "4774816"   "4846633"   "5263822"   "5290161"   "5336058"   "5342185"   "5342186"   "5411384"   "5435707").PN. OR ("5741120").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:23
S14 3	1	"6047557".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:23
S14 4	58	("4463576"   "4494383"   "4506518"   "4575318"   "4610610"   "4612776"   "4744733"   "4747756"   "4764096"   "4831832"   "4951475"   "4974427"   "5006045"   "5007247"   "5059098"   "5067326"   "5079929"   "5088297"   "5115644"   "5191643"   "5203179"   "5243827"   "5265434"   "5282729"   "5342186"   "5392612"   "5440891"   "5440894"   "5447420"   "5515267").PN. OR ("6047557"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:48
S14 5	266	S134 and "pulse width" and compressor and valve and control and temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:49
S14 6	1	"5079929".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 14:50

## EAST Search History

S14 7	1	S146 and time	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:21
S14 8	1	"4506518".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:22
S14 9	1	"4494383".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:26
S15 0	1	"5265434".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:27
S15 1	1	"6408635".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:27
S15 2	27	("4463576"   "4494383"   "4506518"   "4612776"   "4831832"   "4951475"   "4962648"   "4974427"   "5007247"   "5035119"   "5067326"   "5079929"   "5088297"   "5115644"   "5191643"   "5203179"   "5243827"   "5265434"   "5392612"   "5440891"   "5440894"   "5515267").PN. OR ("6408635").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:50
S15 3	1	"4634046".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 16:16
S15 4	1	"5035119".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 16:24
S15 5	1	"5079929".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:12
S15 6	28	"variable duty cycle" adj3 compressor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:13
S15 7	38	"pulse width modulation" adj3 compressor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:14
S15 8	227	"pulse width modulation" same compressor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:38
S15 9	184	"pulse width modulation" same compressor and temperature	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:38

## EAST Search History

S16 0	138	"pulse width modulation" same compressor and temperature and cool\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:38
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